

Catalog No. 11216-007 10 mg

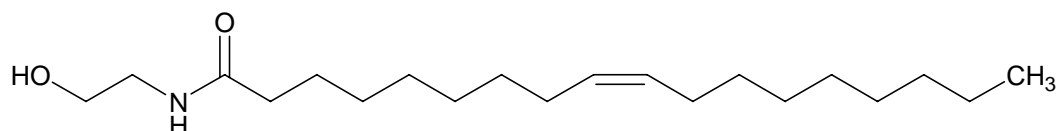
PRODUCT: Oleylethanamide

CAS NO. 111-58-0

CATALOG NO.: 11216-007

SIZE: 10 mg

STRUCTURE:



PHYSICAL APPEARANCE: White solid(m.p. 59-60°C)

MOLECULAR FORMULA: C₂₀H₃₉NO₂ MOLECULAR WEIGHT: 325.5

PURITY: 99%(TLC: 5% MeOH/methylene chloride; R_f = 0.48)

SOLUBILITY: Soluble in DMSO (>25 mg/ml) and ethanol (>25 mg/ml)

STORAGE: Store, as supplied, at -20°C for up to 1 year. Store solutions at -20°C for up to 3 months.

APPLICATION NOTES: Endogenous anandamide-like lipid which regulates appetite but does not bind to cannabinoid receptors¹. In rats food intake is inhibited by oral oleylethanamide². Induces satiety by activation of PPAR α ³. Inhibits ceramidase⁴.

- REFERENCES:
1. F. Rodriguez de Fonseca *et al. Nature* 2001 **414** 209
 2. M.J.Nielsen *et al. J. Lipid Res.* 2004 **45** 1027
 3. J.Fu *et al. Nature* 2003 **425** 90
 4. D.A.Wiesner *et al. J.Biol.Chem.* 1997 **272** 9868

The pharmacological and toxicological properties of this product have not been fully investigated. Exercise caution in use and handling. This product must not be used in humans.